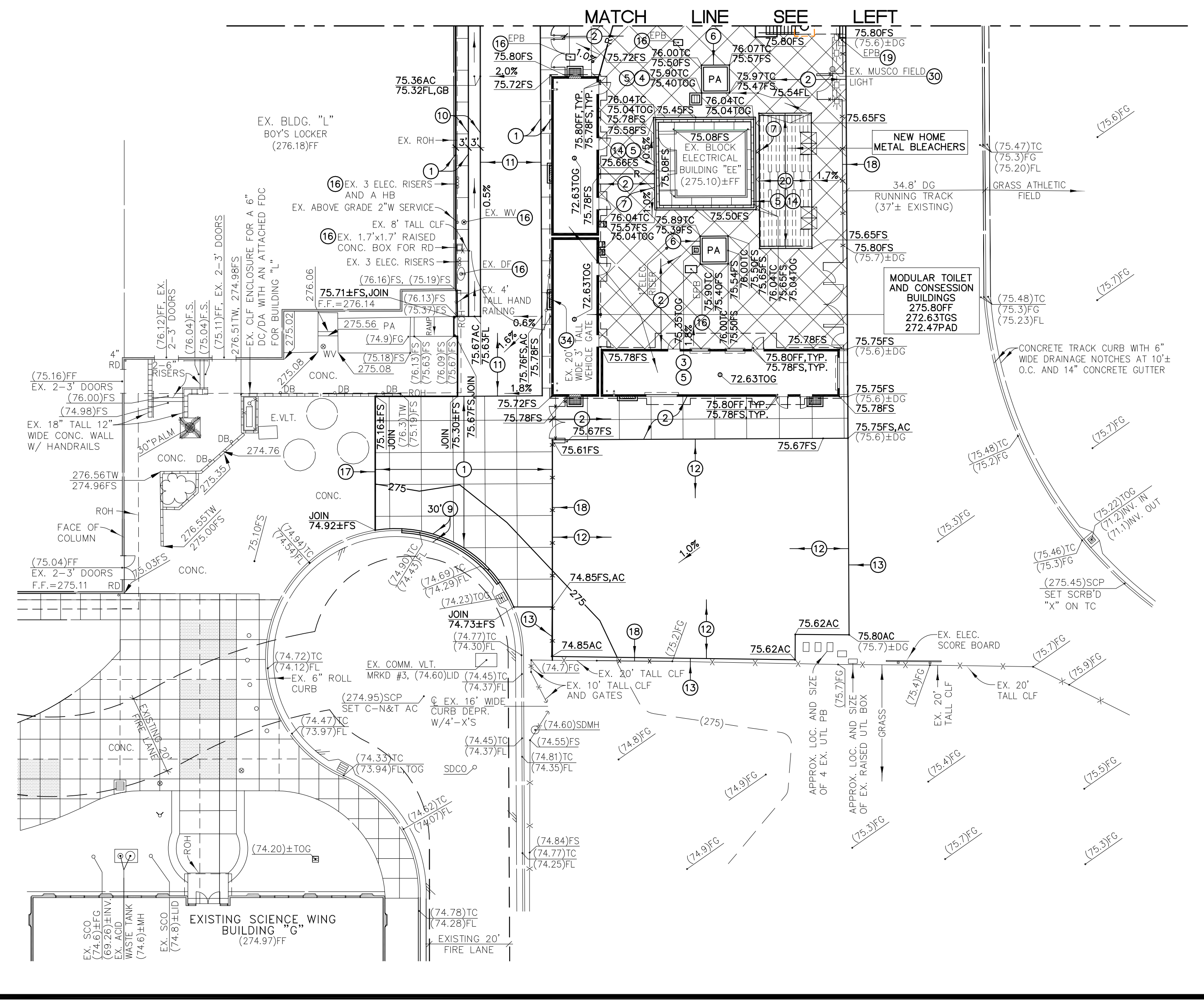


- ### GRADING AND DRAINAGE PLAN CONSTRUCTION NOTES
- CONSTRUCT 6" THICK 3,000 PSI CONCRETE PAVEMENT REINFORCED WITH 6x6-W2.9W2.9 WELDED WIRE FABRIC OR EQUIVALENT REBARS AT THE MID-HEIGHT OF THE SLAB OVER 4" THICK CRUSHED MISCELLANEOUS BASE COMPACTED TO AT LEAST 95% OF ITS MAXIMUM DENSITY OVER 12" MINIMUM THICK 90% COMPACTED ENGINEERED MOSTENED CONDITIONED (TO NEAR OPTIMUM) SUBGRADE SOIL OVER SCARIFIED COMPACTED NATIVE GRADE. REFER TO ARCHITECTURAL DRAWINGS FOR DETAILS AND LIMITS OF DECORATIVE CONCRETE TREATMENT, AND TO DETAILS "C", "E", "F", "G", AND "H" SHOWN ON SHEET C2.
 - CONSTRUCT A FULL 4" THICK 3,000 PSI CONCRETE SIDEWALK AND SURFACE UNDER THE BLEACHERS REINFORCED WITH 6x6-W2.9W2.9 WELDED WIRE FABRIC OR EQUIVALENT REBARS AT THE MID-HEIGHT OF THE SLAB OVER 12" MINIMUM THICK 90% COMPACTED ENGINEERED MOSTENED CONDITIONED (TO NEAR OPTIMUM) SUBGRADE SOIL OVER SCARIFIED COMPACTED NATIVE GRADE. REFER TO ARCHITECTURAL DRAWINGS FOR DETAILS AND LIMITS OF DECORATIVE CONCRETE TREATMENT AND TO DETAILS "D", "E", "F", "G", AND "H" SHOWN ON SHEET C2.
 - CONSTRUCT 12"x12" CONCRETE DRAIN BOX, GRATE AND FRAME PER DETAIL "I" SHOWN ON SHEET C2. INSTALL A FLOGARD FLOSS, FILTER INSERT OR EQUIVALENT PER DETAIL "J" SHOWN ON SHEET C2.
 - CONSTRUCT 24"x24" CONCRETE DRAIN BOX, GRATE AND FRAME PER DETAIL "I" SHOWN ON SHEET C2. INSTALL A FLOGARD FLOSS, FILTER INSERT OR EQUIVALENT PER DETAIL "J" SHOWN ON SHEET C2.
 - INSTALL "NO DUMPING STORM WATER ONLY" SIGNAGE ON TOP OF THE CONCRETE SURFACE NEXT TO THE DRAIN BOX INLET PER DETAIL "K" SHOWN ON SHEET C2.
 - CONSTRUCT 6" TALL CONCRETE CURB PER DETAIL "M" SHOWN ON SHEET C2.
 - CONSTRUCT 12" TALL CONCRETE CURB PER DETAIL "M" SHOWN ON SHEET C2.
 - NOTE DELETED INTENTIONALLY.
 - SAWCUT 3" AWAY FROM THE EXISTING CURB AND GUTTER FLOW LINE AND CONSTRUCT A MOUNTABLE 6" CONCRETE CURB AND PARTIAL CONCRETE GUTTER PER DETAIL "N" SHOWN ON SHEET C2.
 - CONSTRUCT 3" WIDE 3,000 PSI REINFORCED ADA ACCESSIBLE CONCRETE DRAINAGE SWALE OVER 4" THICK CRUSHED MISCELLANEOUS BASE COMPACTED TO AT LEAST 95% OF ITS MAXIMUM DENSITY OVER 12" MINIMUM THICK 90% COMPACTED ENGINEERED MOSTENED CONDITIONED SUBGRADE SOIL PER DETAIL "L" SHOWN ON SHEET C2. REFER TO ARCHITECTURAL DRAWINGS FOR DETAILS AND LIMITS OF DECORATIVE CONCRETE TREATMENT.
 - CONSTRUCT 4" THICK A.C. PAVEMENT OVER 10" THICK CRUSHED MISCELLANEOUS BASE COMPACTED TO AT LEAST 95% OF ITS MAXIMUM DENSITY OVER 12" MINIMUM THICK MOISTURE CONDITIONED (TO NEAR OPTIMUM) SOIL COMPACTED TO AT LEAST 90% OF ITS MAXIMUM DENSITY OVER SCARIFIED COMPACTED NATIVE GRADE IN THE DRIVING AISLES AND FIRE LANES PER DETAIL "A" SHOWN ON SHEET C2.
 - CONSTRUCT 3" THICK A.C. PAVEMENT OVER 4" THICK CRUSHED MISCELLANEOUS BASE COMPACTED TO AT LEAST 95% OF ITS MAXIMUM DENSITY OVER 12" MINIMUM THICK MOISTURE CONDITIONED (TO NEAR OPTIMUM) SOIL COMPACTED TO AT LEAST 90% OF ITS MAXIMUM DENSITY OVER SCARIFIED COMPACTED NATIVE GRADE IN THE PLAYGROUND AREAS PER DETAIL "A" SHOWN ON SHEET C2.
 - CONSTRUCT A REDWOOD HEADER ALONG THE EXPOSED EDGE OF ASPHALT PAVEMENT PER DETAIL "B" SHOWN ON SHEET C2.
 - INSTALL A TRAFFIC RATED ADA COMPLIANT MODULAR CHANNEL DRAIN AND GRATE PER MDS MODEL NUMBERS 830, 832, AND 838 OR EQUIVALENT. SET THE CHANNEL ON TOP OF A 4" MINIMUM THICK CONCRETE SLURRY MIX AND ON THE SIDES WITH AT LEAST A 4" WIDE CONCRETE MIX PER NDS INSTALLATION RECOMMENDATIONS.
 - CONSTRUCT A SHORT RETAINING WALL PER DETAIL "O" SHOWN ON SHEET C2.
 - ADJUST UTILITY BOX, VALVE COVER, DRINKING FOUNTAIN, AND ANY OTHER UTILITY SURFACE IMPROVEMENT TO BE FLUSH WITH THE NEW SLOPING GRADE.
 - PROVIDE A SMOOTH JOIN WITH THE EXISTING HARDSCAPE AT THE SAWCUT LINE. REPAIR ANY DAMAGED EDGES OF HARDSCAPE.
 - INSTALL NEW FENCING AND GATES PER DETAILS SHOWN ON THE ARCHITECTURAL DRAWINGS.
 - RELOCATE THE MUSCO LIGHT POLE ELECTRICAL PULL BOX, CONDUIT AND WIRING THAT ARE IN CONFLICT WITH THE NEW SITE AND BLEACHER IMPROVEMENTS AS SHOWN ON SHEET C5.
 - CONSTRUCT A 6" THICK REINFORCED CONCRETE SLAB FOR THE NEW METAL BLEACHERS TO SIT ON PER DETAILS SHOWN ON THE NEW BLEACHER DRAWINGS PREPARED BY OTHERS.
 - CONSTRUCT METAL RISERS WITH RAILINGS AND A CONCRETE BASE PAD AND PIERS PER DETAILS SHOWN ON THE BLEACHER DRAWINGS.
 - CONSTRUCT A METAL RAMP WITH RAILINGS PER DETAILS SHOWN ON THE BLEACHER DRAWINGS.
 - CONSTRUCT AN 18" WIDE CONCRETE GRADE BEAM FOR THE NEW METAL BLEACHERS TO REST ON PER DETAILS SHOWN ON THE NEW METAL BLEACHER DRAWINGS PREPARED BY OTHERS.
 - REMOVE THE SOIL STOCKPILE AND SMOOTH IT OUT BEHIND THE NEW SITE RETAINING WALL AT THE DIRECTION OF THE OWNER. RELOCATE CONFLICTING UNDERGROUND UTILITY LINES AND AT GRADE PULL BOXES AS REQUIRED. SEE LANDSCAPE PLAN FOR IRRIGATION SCOPE OF WORK.
 - PROTECT IN PLACE THE TREE, ITS ROOTS AND LIMBS DURING ALL PHASES OF CONSTRUCTION AND GRADING.
 - PROTECT IN PLACE THE ELECTRICAL VAULT DURING ALL PHASES OF CONSTRUCTION AND GRADING.
 - PROTECT IN PLACE CHAIN LINK FENCE OR TUBULAR STEEL FENCE, GATES, POSTS AND CONCRETE FOOTINGS.
 - PROTECT IN PLACE 4" DIAMETER BACKFLOW DEVICE.
 - PROTECT IN PLACE CHAIN LINK FENCE ENCLOSURE AND NATURAL GAS FACILITIES.
 - PROTECT IN PLACE THE MUSCO LIGHT POLE AND ITS CONCRETE FOOTING.
 - PROTECT IN PLACE MUSCO LIGHTS ELECTRICAL CONTROL CABINET.
 - PAINT BASKETBALL AND PLAY AREA STRIPING ON THE PAVEMENT TO MATCH EXISTING.
 - PROTECT IN PLACE BASKETBALL HOOP POLE.
 - PROTECT IN PLACE THE SWINGING GATE, POST, AND FOOTING.
 - SAWCUT AND REMOVE OFFSITE STREET CONCRETE CURB, CONCRETE SIDEWALK, TEMPORARY ASPHALT RAMP, AND 4" DIAMETER TEMPORARY PVC STORM DRAIN PIPE. CONSTRUCT 6" THICK CONCRETE DRIVEWAY APPROACH PER SPPWC STANDARD PLAN 110-2 WITH W=20' AND X=4'. CONTRACTOR SHALL OBTAIN ENCROACHMENT PERMIT FROM THE CITY PUBLIC WORKS DEPARTMENT PRIOR TO COMMENCING WORK.



OWNER: EL MONTE UNION HIGH SCHOOL DISTRICT

PROJECT NAME: EL MONTE HIGH SCHOOL BLEACHERS

CLIENT ADDRESS: 3048 TYLER AVENUE, EL MONTE, CA, 91731

CONSULTANT
MS ENGINEERING, INC.
CIVIL ENGINEERS AND LAND SURVEYORS
SPECIALIZING IN SITE DEVELOPMENT
402 W. ARROW HWY. STE. 4
SANTA ANA, CA 92707
(909) 305-2395 FAX (909) 305-2397

Mark S. Lamoureux 05-06-16
MARK S. LAMOREUX (P.E. 30362) DATE

IDENTIFICATION STAMP
DIVISION OF THE STATE ARCHITECT
OFFICE OF REGULATION SERVICES

A#
AC _____ FLS _____ SS _____

DATE

REVISIONS:

DESCRIPTION	DATE
Addendum A	04-05-2017

DATE ISSUED: 05-06-16

PROJECT NO: 2014-40163

SCALE: As indicated

SHEET NUMBER: C4

SHEET TITLE: GRADING AND DRAINAGE PLAN

SVA ARCHITECTS

3 MACARTHUR PLACE, SUITE 850 SANTA ANA, CA 92707
T 949.809.3380 WWW.SVA-ARCHITECTS.COM

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